

SEQUENCE LISTING

<110> Shyjan, Andrew W.
Williamson, Mark
Jin, Shengfang

<120> CHK1 AND USES THEREOF

<130> 07334/128001

<140> US 09/340,264

<141> 1999-06-30

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<212> DNA

<213> Homo sapiens

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<221> CDS

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Asp Trp Asp Leu Val Gln Thr Leu Gly Glu Gly Ala Tyr Gly Glu Val
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caa ctt gct gtg aat aga gta act gaa gaa gca gtc gca gtg aag att      151
Gln Leu Ala Val Asn Arg Val Thr Glu Glu Ala Val Ala Val Lys Ile
      25               30               35

gta gat atg aag cgt gcc gta gac tgt cca gaa aat att aag aaa gag      199
Val Asp Met Lys Arg Ala Val Asp Cys Pro Glu Asn Ile Lys Lys Glu
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atc tgt atc aat aaa atg cta aat cat gaa aat gta gta aaa ttc tat      247
Ile Cys Ile Asn Lys Met Leu Asn His Glu Asn Val Val Lys Phe Tyr
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ggt cac agg aga gaa ggc aat atc caa tat tta ttt ctg gag tac tgt      295
Gly His Arg Arg Glu Gly Asn Ile Gln Tyr Leu Phe Leu Glu Tyr Cys
      75               80               85

agt gga gga gag ctt ttt gac aga ata gag cca gac ata ggc atg cct      343
Ser Gly Gly Glu Leu Phe Asp Arg Ile Glu Pro Asp Ile Gly Met Pro
      90               95               100

gaa cca gat gct cag aga ttc ttc cat caa ctc atg gca ggg gtg gtt      391
Glu Pro Asp Ala Gln Arg Phe Phe His Gln Leu Met Ala Gly Val Val

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Tyr Leu His Gly Ile Gly Ile Thr His Arg Asp Ile Lys Pro Glu Asn			
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ctt ctg ttg gat gaa agg gat aac ctc aaa atc tca gac ttt ggc ttg			487
Leu Leu Leu Asp Glu Arg Asp Asn Leu Lys Ile Ser Asp Phe Gly Leu			
	140	145	150
gca aca gta ttt cgg tat aat aat cgt gag cgt ttg ttg aac aag atg			535
Ala Thr Val Phe Arg Tyr Asn Asn Arg Glu Arg Leu Leu Asn Lys Met			
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tgt ggt act tta cca tat gtt gct cca gaa ctt ctg aag aga aga gaa			583
Cys Gly Thr Leu Pro Tyr Val Ala Pro Glu Leu Leu Lys Arg Arg Glu			
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ttt cat gca gaa cca gtt gat gtt tgg tcc tgt gga ata gta ctt act			631
Phe His Ala Glu Pro Val Asp Val Trp Ser Cys Gly Ile Val Leu Thr			
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gca atg ctc gct gga gaa ttg cca tgg gac caa ccc agt gac agc tgt			679
Ala Met Leu Ala Gly Glu Leu Pro Trp Asp Gln Pro Ser Asp Ser Cys			
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cag gag tat tct gac tgg aaa gaa aaa aaa aca tac ctc aac cct tgg			727
Gln Glu Tyr Ser Asp Trp Lys Glu Lys Lys Thr Tyr Leu Asn Pro Trp			
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aaa aaa atc gat tct gct cct cta gct ctg ctg cat aaa atc tta gtt			775
Lys Lys Ile Asp Ser Ala Pro Leu Ala Leu Leu His Lys Ile Leu Val			
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gag aat cca tca gca aga att acc att cca gac atc aaa aaa gat aga			823
Glu Asn Pro Ser Ala Arg Ile Thr Ile Pro Asp Ile Lys Lys Asp Arg			
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Trp Tyr Asn Lys Pro Leu Lys Lys Gly Ala Lys Arg Pro Arg Val Thr			
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tca ggt ggt gtg tca gag tct ccc agt gga ttt tct aag cac att caa			919
Ser Gly Gly Val Ser Glu Ser Pro Ser Gly Phe Ser Lys His Ile Gln			
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Val Lys Tyr Ser Ser Ser Gln Pro Glu Pro Arg Thr Gly Leu Ser Leu			
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Trp Asp Thr Ser Pro Ser Tyr Ile Asp Lys Leu Val Gln Gly Ile Ser			
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Phe Ser Gln Pro Thr Cys Pro Asp His Met Leu Leu Asn Ser Gln Leu	
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Leu Gly Thr Pro Gly Ser Ser Gln Asn Pro Trp Gln Arg Leu Val Lys	
360 365 370 375	

aga atg aca cga ttc ttt acc aaa ttg gat gca gac aaa tct tat caa	1207
Arg Met Thr Arg Phe Phe Thr Lys Leu Asp Ala Asp Lys Ser Tyr Gln	
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tgc ctg aaa gag act tgt gag aag ttg ggc tat caa tgg aag aaa agt	1255
Cys Leu Lys Glu Thr Cys Glu Lys Leu Gly Tyr Gln Trp Lys Lys Ser	
395 400 405	

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Cys Met Asn Gln Val Thr Ile Ser Thr Thr Asp Arg Arg Asn Asn Lys	
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ctc att ttc aaa gtg aat ttg tta gaa atg gat gat aaa ata ttg gtt	1351
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Asp Phe Arg Leu Ser Lys Gly Asp Gly Leu Glu Phe Lys Arg His Phe	
440 445 450 455	

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Trp Leu Pro Ala Thr	
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Pro Glu Asn Ile Lys Lys Glu Ile Cys Ile Asn Lys Met Leu Asn His	

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Glu Asn Val Val Lys Phe Tyr Gly His Arg Arg Glu Gly Asn Ile Gln				
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Tyr Leu Phe Leu Glu Tyr Cys Ser Gly Gly Glu Leu Phe Asp Arg Ile				
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Glu Pro Asp Ile Gly Met Pro Glu Pro Asp Ala Gln Arg Phe Phe His				
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Gln Leu Met Ala Gly Val Val Tyr Leu His Gly Ile Gly Ile Thr His				
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Arg Asp Ile Lys Pro Glu Asn Leu Leu Leu Asp Glu Arg Asp Asn Leu				
130	135	140		
Lys Ile Ser Asp Phe Gly Leu Ala Thr Val Phe Arg Tyr Asn Asn Arg				
145	150	155	160	
Glu Arg Leu Leu Asn Lys Met Cys Gly Thr Leu Pro Tyr Val Ala Pro				
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Glu Leu Leu Lys Arg Arg Glu Phe His Ala Glu Pro Val Asp Val Trp				
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Ser Cys Gly Ile Val Leu Thr Ala Met Leu Ala Gly Glu Leu Pro Trp				
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Asp Gln Pro Ser Asp Ser Cys Gln Glu Tyr Ser Asp Trp Lys Glu Lys				
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Lys Thr Tyr Leu Asn Pro Trp Lys Lys Ile Asp Ser Ala Pro Leu Ala				
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Pro Asp Ile Lys Lys Asp Arg Trp Tyr Asn Lys Pro Leu Lys Lys Gly				
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Ala Lys Arg Pro Arg Val Thr Ser Gly Gly Val Ser Glu Ser Pro Ser				
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Gly Phe Ser Lys His Ile Gln Ser Asn Leu Asp Phe Ser Pro Val Asn				
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Pro Arg Thr Gly Leu Ser Leu Trp Asp Thr Ser Pro Ser Tyr Ile Asp				
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Lys Leu Val Gln Gly Ile Ser Phe Ser Gln Pro Thr Cys Pro Asp His				
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Met Leu Leu Asn Ser Gln Leu Leu Gly Thr Pro Gly Ser Ser Gln Asn				
355	360	365		
Pro Trp Gln Arg Leu Val Lys Arg Met Thr Arg Phe Phe Thr Lys Leu				
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Asp Ala Asp Lys Ser Tyr Gln Cys Leu Lys Glu Thr Cys Glu Lys Leu				
385	390	395	400	
Gly Tyr Gln Trp Lys Lys Ser Cys Met Asn Gln Val Thr Ile Ser Thr				
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Thr Asp Arg Arg Asn Asn Lys Leu Ile Phe Lys Val Asn Leu Leu Glu				
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Met Asp Asp Lys Ile Leu Val Asp Phe Arg Leu Ser Lys Gly Asp Gly				
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uuuuaucaaa	acauuuuguu	u				1821

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